Interference Search

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	((requests with (ip near1 address)) same (response near3 capactiy)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/06/20 15:22
L5	16	((requests with (ip near1 address)) same (responses)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/06/20 15:24
L6	0	((requests with (ip near1 address)) and (response near3 capacity)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/06/20 15:24
L7	0	((requests with (ip near1 address)) and (response near5 capacity)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/06/20 15:25
L8	0	((requests with (ip near1 address)) and (response with capacity)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/06/20 15:25

```
File   9:Business & Industry(R) Jul/1994-2007/Jun 15
         (c) 2007  The Gale Group
File  13:BAMP 2007/Jun W3
         (c) 2007  The Gale Group
File  16:Gale Group PROMT(R) 1990-2007/Jun 15
         (c) 2007 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2007/Jun 07
         (c) 2007 The Gale group
File  88:Gale Group Business A.R.T.S. 1976-2007/Jun 13
         (c) 2007 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2007/Jun 15
         (c)2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Jun 15
         (c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Jun 18
         (c) 2007 The Gale Group
File 624:McGraw-Hill Publications 1985-2007/Jun 06
         (c) 2007 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2007/Jun 19
         (c) 2007 San Jose Mercury News
File 649:Gale Group Newswire ASAP(TM) 2007/Jun 15
         (c) 2007 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2007/Jun 15
         (c) 2007 The Gale Group
File 647:CMP  Computer Fulltext 1988-2007/Sep W1
         (c) 2007 CMP Media, LLC
File 674:Computer News Fulltext 1989-2006/Sep W1
         (c) 2006 IDG Communications

Set     Items   Description
S1      14710   (UNIVERSAL?? OR USER? ? OR UNIFORM??)(1W)RESOURCE? ?
S2       7439   S1(1W)(IDENTIFIE?? OR IDENTIFICATION? ? OR IDENTIFY? OR IN-
             DICAT???? OR LOCAT???? OR ID OR IDS OR NAME? ? OR NUMBER? ? OR
              NUMERAL? ? OR NUMERIC???)
S3     305207   URL OR URLS OR URI OR URIS OR URN OR URNS
S4    8701582   (WEB OR INTERNET OR WWW OR W3 OR NET)(1W)(SITE? ? OR PAGE?
            ? OR ADDRESS?? OR IDENTIFIER? ?) OR WEBPAGE? OR WEBSITE?
S5     426151   HOMEPAGE? OR HOME()PAGE? ?
S6     148345   (IP OR INTERNET()PROTOCOL OR DOMAIN)(1W)(ADDRESS?? OR NAME?
              ? OR NUMBER? ?) OR DOTTED(1W)QUAD? ? OR FQDN? ?
S7    8212392   REQUEST??? OR QUERY??? OR QUERIE? ? OR INQUIR? OR ENQUIR? -
            OR REQUISITION? ? OR ATTEMPT? OR TRIE? ? OR TRY???
S8      50663   PING???
S9      67743   (MANY OR MULTI OR SEVERAL OR NUMEROUS OR PLURAL? OR MULTIT-
            UD? OR PLURIF? OR MULTIPLICIT?)(1W)S7
S10      3163   (ARRAY? ? OR MYRIAD? ? OR SERIES)(1W)S7
S11     12396   S7(3N)(COPIOUS? OR PROFUSION? OR PLENITUD? OR MASS???)
S12     40300   S7(3N)(FLOOD??? OR BULK OR VOLUME? ? OR PIPELIN??? OR CASC-
            AD??? OR CLUSTER??? OR CHAIN??? OR REDUNDAN?)
S13    184822   S7(3N)(ABUNDAN? OR MULTIPLE? ? OR GROUP??? OR VOLUMINOUS? -
            OR QUANTITY? ? OR QUANTITIES OR NUMBER? ?)
S14  14581679   SITE OR SITES OR PAGE OR PAGES OR ADDRESS?? OR DOMAIN? ?
S15   2480520   LEGITIMA? OR VALID? OR AUTHENTIC? OR VERIFY? OR VERIFIE?? -
            OR VERIFICAT? OR SUBSTANTIAT? OR GENUINE OR BONAFIDE? OR BONA-
            ()FIDE? ?
S16     19766   S15(5N)S2:S6
S17     73066   S15(5N)S14
S18      2238   S8(5N)(S2:S6 OR S14)
S19       162   S18 AND S16:S17
S20       151   S18(50N)S15
S21      8027   S9:S13(5N)(SEND??? OR SENT OR SUBMIT? OR SUBMISSION? ? OR -
```

```
            TRANSMIT? OR TRANSMISSION? ? OR DISSEMINAT? OR ISSU???)
S22      4401   S9:S13(5N)(ISSUANCE? ? OR STREAM??? OR DISPATCH? OR DELIVE-
            R??? OR CONVERY????? OR DISTRIBUT???? OR NETCAST?)
S23      3043   S9:S13(5N)(THROUGHPUT? OR THROUGH()PUT???? OR COMMUNICAT??-
            ?? OR UNICAST? OR CYBERCAST? OR BROADCAST? OR WEBCAST?)
S24       545   S9:S13(5N)(MULTICAST? OR NETCAST? OR MULTISTREAM? OR EXPOR-
            T??? OR EXPORTATION? OR CYBERSTREAM? OR NARROWCAST?)
S25       286   S9:S13(5N)(DISPERS? OR DISBURS? OR CAST???)
S26      1026   S21:S25(7N)(S2:S6 OR S14)
S27         8   S26(50N)S16:S17
S28       159   S20 OR S27
S29        41   S28/2004:2007
S30       118   S28 NOT S29
S31        63   RD  (unique items)
? t31/3,k/4,6-7,9,11,20,23,33,46,50,59

 31/3,K/4     (Item 3 from file: 13)
DIALOG(R)File  13:BAMP
(c) 2007  The Gale Group. All rts. reserv.

00830063     Supplier Number: 97873087 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Can you hack it? Penetration testing gives companies a way to find their
    vulnerabilities before hackers use them to break in and cause harm.
    (Computer Security).

Security Management, v 47, n 2, p 83
February 2003
DOCUMENT TYPE: Journal  ISSN: 0145-9406  (United States)
LANGUAGE: English  RECORD TYPE: Fulltext
WORD COUNT:  3354

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...which is mapped to two names: www.bobscomputersystems.com and
www.buy-bcs.com.

To  verify  the information from the zone record and identify any
unregistered hosts on the network (that is, machines not registered with
the  domain  name  server),  the team next performs  ping  (messages sent
to  verify  the existence of an IP address) as well as "traceroute" scans
on the target network...


 31/3,K/6     (Item 5 from file: 13)
DIALOG(R)File  13:BAMP
(c) 2007  The Gale Group. All rts. reserv.

00774795     Supplier Number: 25177384 (USE FORMAT 7 OR 9 FOR FULLTEXT)
WEB SITE PERSPECTIVE HOLDS THE KEY TO PERFORMANCE MONITORING

Article Author(s):  MacVittie, Lori
Network Computing, p 20
March 18, 2002
DOCUMENT TYPE: Journal  ISSN: 1046-4468  (United States)
LANGUAGE: English  RECORD TYPE: Fulltext
WORD COUNT:  1069

TEXT:
By: Lori MacVittie

Web site monitoring is growing up. Industry tools, such as Keynote Systems'
 Web   Site  Perspective, have gone from simply  pinging  servers to
actually opening and closing TCP connections, performing complex synthetic
```

transactions, and providing content- verification support. Now Keynote Systems, one of the oldest players in the Web site monitoring game...

31/3,K/7 (Item 6 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2007 The Gale Group. All rts. reserv.

00771806 Supplier Number: 25128495 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Facing Your Flaws: The red team probes the network for a company to identify possible vulnerabilities and design flaws. (Computer Security)

Article Author(s): Bumgarner, John N
Security Management, v 46, n 2, p 62(5)
February 2002
DOCUMENT TYPE: Journal; Case study ISSN: 0145-9406 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2546

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...the router and the firewall. This prevents pings from reaching the network (messages sent to verify the existence of an IP address are called pings) and can also help stave off denial of service attacks; this simple step will block...

31/3,K/9 (Item 8 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2007 The Gale Group. All rts. reserv.

00711301 Supplier Number: 25789300 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SLB Performance Verification
(More and more Internet sites are using SLB (server loan balancing) equipment because it can vector traffic congestions; it also helps Internet efficiency by providing performance verification)
Article Author(s): Schaefer, Dan
Telecommunications Americas Edition Telecommunications, v 34, n 8, p 54,56
August 2000
DOCUMENT TYPE: Journal ISSN: 0278-4831 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1468

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...the SLB switch. These health checks can range from simple ICMP (Internet Control Manager Protocol) Ping packets to requests for test Web pages . An "incorrect" response may be a sluggish response or no response at all.

Some firewall...
...the SLB switch needs to believe that all the simulated traffic is part of a legitimate connection.

SLB verification algorithms should be automated as much as possible. This reduces the workload...

31/3,K/11 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

10624108 Supplier Number: 106030591 (USE FORMAT 7 FOR FULLTEXT)

Xaffire to Provide Internap with IP Performance Monitoring Service; Leading Provider of Performance-Based Routing Selects Xaffire for Third-Party IP Verification.
Business Wire, p5309
July 30, 2003
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 323

... accurate snapshot of carrier performance and customers' connectivity."
Xaffire Measurement Services offer true, third-party verification of Internap's performance through algorithmic " pinging " and trace routes to IP addresses . Xaffire's technology provides an accurate end-to-end view of Internet data flow that...

31/3,K/23 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05976642 Supplier Number: 53278655 (USE FORMAT 7 FOR FULLTEXT)
Coast Can Make You a Better Webmaster.(Coast Software's WebMaster 3.0 web site management software)(Software Review)(Evaluation)
Ulanoff, Lance
Windows Magazine, p104(1)
Dec 1, 1998
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; General Trade
Word Count: 330

... slow-loading pages the program can find. This version also includes a WebMonitor, which can ping a site -or multiple sites -on a scheduled basis.
Rival programs such as LinkBot and SiteSweeper verify links, but WebMaster focuses on overall site efficiency. One truly unique feature is the PageRules...

31/3,K/33 (Item 4 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

05018226 SUPPLIER NUMBER: 20003888 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Ninja of Internet attacks. (denial of service) (PC Week Netweek) (Internet/Web/Online Service Information)
Wong, William
PC Week, v14, n48, pA60(1)
Nov 17, 1997
ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 640 LINE COUNT: 00051

...ABSTRACT: relative ease. A denial of service attack floods a site with so many requests that legitimate traffic cannot enter or leave the site. Each denial of service attach employs a different...

...with less bandwidth. The Smurf attack uses bounce sites, sending a broadcast message requesting a ping to the bounce site , which passes the request to others on its network. The responses all go the site...

31/3,K/46 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02100006 SUPPLIER NUMBER: 19716185 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CPL Systems releases Scrambler/NT. (network monitoring software)(Product Announcement)
HP Professional, v11, n8, p47(1)
August, 1997
DOCUMENT TYPE: Product Announcement ISSN: 0896-145X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 126 LINE COUNT: 00013

The network is monitored by **pinging** a list of IP **addresses** which can be any device or host on the network with a valid address. The "environment" is monitored by sensors which connect to the Scrambler Alert Server. This...

31/3,K/50 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01450169 SUPPLIER NUMBER: 11283925 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Diagnosing network disorders. (troubleshooting local area networks)(includes related article on basic troubleshooting questions) (tutorial)
Smith, Mark
LAN Technology, v7, n10, p20(10)
Oct, 1991
DOCUMENT TYPE: tutorial ISSN: 1042-4695 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6539 LINE COUNT: 00508

... such as claim tokens or beaconing. These frames can point you directly to the fault **domain** . On Ethernet networks, you can " **ping** " critical devices on the segment. If a device does not respond, look more closely at...

...high, see who is generating the traffic and why and make sure the traffic is **legitimate** . If the traffic is coming from a device that is chattering, or repeatedly transmitting data...

31/3,K/59 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext

117743
Another challenger to the IP address management king
Journal: Network World Page Number: 40
Publication Date: July 11, 05
Word Count: 1010 Line Count: 100

Text:
... running DHCP servers, as well as primary/secondary DHCP servers. Both IPControland VitalQIP can optionally **ping** a DHCP **address** -requesting client at lease time to make sure a DHCP request isn't spurious. IPControl, VitalQIP and Meta IP offer logon **authentication** via callout script or program that you write. However, VitalQIPand Meta IP have explicit support ...

```
File 696:DIALOG Telecom. Newsletters 1995-2007/Jun 19
         (c) 2007 Dialog
File  15:ABI/Inform(R) 1971-2007/Jun 19
         (c) 2007 ProQuest Info&Learning
File  98:General Sci Abs 1984-2007/Jun
         (c) 2007 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
         (c) 2004 United Business Media
File 141:Readers Guide 1983-2007/Apr
         (c) 2007 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2007/Jun W2
         (c) 2007 ProQuest
File 553:Wilson Bus. Abs. 1982-2007/Jun
         (c) 2007 The HW Wilson Co
File 608:KR/T Bus.News. 1992-2007/Jun 20
         (c)2007 Knight Ridder/Tribune Bus News
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2007/Jun 19
         (c) 2007 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2007/Jun 19
         (c) 2007 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2007/Jun 19
         (c) 2007 Business Wire.
File 369:New Scientist 1994-2007/Jan W2
         (c) 2007 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS

Set     Items   Description
S1       4601   (UNIVERSAL?? OR USER? ? OR UNIFORM??)(1W)RESOURCE? ?
S2       2396   S1(1W)(IDENTIFIE?? OR IDENTIFICATION? ? OR IDENTIFY? OR IN-
             DICAT???? OR LOCAT???? OR ID OR IDS OR NAME? ? OR NUMBER? ? OR
              NUMERAL? ? OR NUMERIC???)
S3    1012765   URL OR URLS OR URI OR URIS OR URN OR URNS
S4    3406941   (WEB OR INTERNET OR WWW OR W3 OR NET)(1W)(SITE? ? OR PAGE?
            ? OR ADDRESS?? OR IDENTIFIER? ?) OR WEBPAGE? OR WEBSITE?
S5     392565   HOMEPAGE? OR HOME()PAGE? ?
S6      39323   (IP OR INTERNET()PROTOCOL OR DOMAIN)(1W)(ADDRESS?? OR NAME?
             ? OR NUMBER? ?) OR DOTTED(1W)QUAD? ? OR FQDN? ?
S7    4178385   REQUEST??? OR QUERY??? OR QUERIE? ? OR INQUIR? OR ENQUIR? -
            OR REQUISITION? ? OR ATTEMPT? OR TRIE? ? OR TRY???
S8      21078   PING???
S9      39198   (MANY OR MULTI OR SEVERAL OR NUMEROUS OR PLURAL? OR MULTIT-
            UD? OR PLURIF? OR MULTIPLICIT?)(1W)S7
S10      1651   (ARRAY? ? OR MYRIAD? ? OR SERIES)(1W)S7
S11      6187   S7(3N)(COPIOUS? OR PROFUSION? OR PLENITUD? OR MASS???)
S12     18597   S7(3N)(FLOOD??? OR BULK OR VOLUME? ? OR PIPELIN??? OR CASC-
            AD??? OR CLUSTER??? OR CHAIN??? OR REDUNDAN?)
S13    104531   S7(3N)(ABUNDAN? OR MULTIPLE? ? OR GROUP??? OR VOLUMINOUS? -
            OR QUANTITY? ? OR QUANTITIES OR NUMBER? ?)
S14   6326978   SITE OR SITES OR PAGE OR PAGES OR ADDRESS?? OR DOMAIN? ?
S15   1103365   LEGITIMA? OR VALID? OR AUTHENTIC? OR VERIFY? OR VERIFIE?? -
            OR VERIFICAT? OR SUBSTANTIAT? OR GENUINE OR BONAFIDE? OR BONA-
            ()FIDE? ?
S16      6036   S15(5N)S2:S6
S17     26754   S15(5N)S14
S18       666   S8(5N)(S2:S6 OR S14)
S19        23   S18 AND S16:S17
S20        32   S18(50N)S15
S21      3735   S9:S13(5N)(SEND??? OR SENT OR SUBMIT? OR SUBMISSION? ? OR -
```

TRANSMIT? OR TRANSMISSION? ? OR DISSEMINAT? OR ISSU???)
S22 1545 S9:S13(5N)(ISSUANCE? ? OR STREAM??? OR DISPATCH? OR DELIVE-
R??? OR CONVERY????? OR DISTRIBUT???? OR NETCAST?)
S23 1371 S9:S13(5N)(THROUGHPUT? OR THROUGH()PUT???? OR COMMUNICAT??-
?? OR UNICAST? OR CYBERCAST? OR BROADCAST? OR WEBCAST?)
S24 189 S9:S13(5N)(MULTICAST? OR NETCAST? OR MULTISTREAM? OR EXPOR-
T??? OR EXPORTATION? OR CYBERSTREAM? OR NARROWCAST?)
S25 148 S9:S13(5N)(DISPERS? OR DISBURS? OR CAST???)
S26 522 S21:S25(7N)(S2:S6 OR S14)
S27 4 S26(50N)S16:S17
S28 100 S16:S17(S)S9:S13
S29 37 S28(S)S2:S6
S30 73 S20 OR S27 OR S29
S31 29 S30/2004:2007
S32 44 S30 NOT S31
S33 41 RD (unique items)

33/3,K/4 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02541483 283825461
Can you hack it?
Lam, Frank; Beekey, Mike; Cayo, Kevin
Security Management v47n2 PP: 83-88 Feb 2003
ISSN: 0145-9406 JRNL CODE: SEM
WORD COUNT: 3428

...TEXT: which is mapped to two names: www.bobscomputersystems.com and www.buy-bcs.com.

To verify the information from the zone record and identify any unregistered hosts on the network (that is, machines not registered with the domain name server), the team next performs ping (messages sent to verify the existence of an IP address) as well as "traceroute" scans on the target network...

33/3,K/7 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02348979 114485051
Fight server overload
Harbaugh, Logan C
InfoWorld v24n15 PP: 20 Apr 15, 2002
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 628

...TEXT: the traffic), and virtual server.

Health-checking includes not only ensuring that servers respond to ping , but also that specific URIs are available or that database requests return valid data. Notification of errors, failed servers, and other problems can be sent to administrators automatically...

33/3,K/8 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02319915 109746502
Facing your flaws
Bumgarner, John N

Security Management v46n2 PP: 62-67 Feb 2002
ISSN: 0145-9406 JRNL CODE: SEM
WORD COUNT: 2623

...TEXT: the router and the firewall. This prevents pings from reaching the network (messages sent to verify the existence of an IP address are called pings) and can also help stave off denial of service attacks; this simple step will block...

33/3,K/10 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02151433 71472890
IP insecurity
Radcliff, Deborah
Computerworld v35n16 PP: 60-61 Apr 16, 2001
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 1460

...TEXT: the victim to all the servers on the network. Because the packets appear to be legitimate requests from a known address , all systems in the amplifying network reply to that address , overwhelming the legitimate machine and causing denial of service.

2. SYN Floods: denial-of-service attacks in which the attacker uses spoofed IP addresses to send multiple connection (SYN) requests to the target. The target system then sends acknowledgements and waits for replies. Because the...

33/3,K/11 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02133919 68802365
Companies declare war on denial-of-service attacks
Hulme, George V
Informationweek n824 PP: 32 Feb 12, 2001
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 328

...ABSTRACT: will launch tools to help defeat notorious denial-of-service attacks. These attacks broadcast large volumes of illegitimate requests over the Internet, crashing servers and hindering legitimate users' ability to access Web sites under siege.
...TEXT: These attacks broadcast large volumes of illegitimate requests over the Internet, crashing servers and hindering legitimate users' ability to access Web sites under siege.

Arbor Networks Inc. has developed an application that monitors, detects, traces, and filters...

33/3,K/14 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02056830 58611968
SLB performance verification
Schaefer, Dan
Telecommunications v34n8 PP: 54-56 Aug 2000
ISSN: 0278-4831 JRNL CODE: TEC

WORD COUNT: 1504

...TEXT: the SLB switch. These health checks can range from simple ICMP (Internet Control Manager Protocol) Ping packets to requests for test Web pages . An "incorrect" response may be a sluggish response or no response at all.

Some firewall...

...the SLB switch needs to believe that all the simulated traffic is part of a legitimate connection.

SLB verification algorithms should be automated as much as possible. This reduces the workload...

33/3,K/15 (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02020050 53375875
Freedom from IP address overload
Nance, Barry
Network World v17n18 PP: 67-72 May 1, 2000
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 3668

...TEXT: our ISF The Internet link let us perform massive zone transfers and other large-scale IP address operations, but most of our testing occurred just on our network's intranet. Throughout the...

...a C++ program we wrote that issued DHCP-DISCOVER messages. Some of these messages were valid requests for IP address information, but we also deliberately created many invalid requests . Our invalid situations included duplicate requests, missing DHCP-REQUEST messages and lease renewal requests at...

...to measure how quickly each Dynamic Host Configuration Protocol (DHCP) server could assign 50,000 IP addresses .

We also tested the products' handling of implied source subnet qualifier overrides to verify selection...
? t33/3,k/18-19

33/3,K/18 (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01489219 01-40207
Don't get spammed
Gaskin, James E
Informationweek n644 PP: 53-64 Aug 18, 1997
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 2428

...ABSTRACT: anti-relaying features in its Messaging server for just these reasons. Messages with suspicious return addresses , or ones that attempt to send multiple E-mail copies, are dumped automatically. The first step in solving the spam problem is blocking E-mail from known bad addresses . The next step is to verify each incoming E-mail message by checking the authenticity of the supposed sender. Content filtering...

33/3,K/19 (Item 17 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01432104 00-83091
Under Attack -- What hackers know will harm you. Here's a manager's guide to 'Net Hacking 101
Higgins, Kelly Jackson
CommunicationsWeek n653 PP: 47-51 Mar 10, 1997
ISSN: 0746-8121 JRNL CODE: CWE

...ABSTRACT: Flood technique. There are a few emerging varieties of attacks, such as Web spoofing, the Ping o' Death and Domain Name Service hijacking, as well as the more sinister social engineering method, where a hacker uses...

...skills to dupe someone into providing him ammunition for his impending attack - such as a legitimate user name and password.
? t33/3,k/27

33/3,K/27 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2007 PR Newswire Association Inc. All rts. reserv.

01083242 20031210LAW081 (USE FORMAT 7 FOR FULLTEXT)
SCO Experiences Distributed Denial of Service Attack
PR Newswire
Wednesday, December 10, 2003 15:19 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 386

TEXT:
...a large scale distributed denial of service (DDoS) attack. The attack caused the company's Web site (www.sco.com) and corporate operational
traffic to be unavailable during the morning hours including e-mail, the company intranet, and customer support operations. The company's Web site
remains unavailable while this DDoS attack continues to take place. The company is working with...

...place when
several thousand servers were compromised by an unknown person to overload SCO's Web site with illegitimate Web site requests . The flood of traffic by
these illegitimate requests caused the company's ISP's Internet bandwidth to
be consumed so the Web site was inaccessible to any other legitimate Web user.
"SCO is working with law enforcement officials and gathering information
through mechanisms that...
? t33/3,k/29,34

33/3,K/29 (Item 3 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2007 PR Newswire Association Inc. All rts. reserv.

00823778 20020917NYTU123 (USE FORMAT 7 FOR FULLTEXT)
Navastream Secures Remote Management Vulnerability in Polycom
PR Newswire
Tuesday, September 17, 2002 10:02 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 842

...a filter rule to limit access to the videoconference system by port, protocol and remote IP address . If a request is made from an unauthorized
location or via an unauthorized protocol or...

...To counteract denial of service (DoS) attacks, the
VIPs can be configured to limit the number of connection attempts from a given
range of IP addresses .
The Navastream VIP can also authenticate remote management and videoconference sessions to protected videoconference systems by digital certificates. Security conscious administrators...

33/3,K/34 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2007 Business Wire. All rts. reserv.

00939209 20030730211B0272 (USE FORMAT 7 FOR FULLTEXT)
Xaffire to Provide Internap with IP Performance Monitoring Service; Leading Provider of Performance-Based Routing Selects Xaffire for Third-Party IP Verification
Business Wire
Wednesday, July 30, 2003 08:35 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 314

Xaffire Measurement Services offer true, third-party verification of Internap's performance through algorithmic " pinging " and trace routes to IP
addresses . Xaffire's technology provides an accurate end-to-end view of Internet data flow that...
?

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File   2:INSPEC 1898-2007/Jun W2
         (c) 2007 Institution of Electrical Engineers
File   6:NTIS 1964-2007/Jun W4
         (c) 2007 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1884-2007/Jun W2
         (c) 2007 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2007/Jun W4
         (c) 2007 The Thomson Corp
File  35:Dissertation Abs Online 1861-2007/May
         (c) 2007 ProQuest Info&Learning
File  65:Inside Conferences 1993-2007/Jun 19
         (c) 2007 BLDSC all rts. reserv.
File  95:TEME-Technology & Management 1989-2007/Jun W3
         (c) 2007 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2007/May
         (c) 2007 The HW Wilson Co.
File 144:Pascal 1973-2007/Jun W2
         (c) 2007 INIST/CNRS
File 256:TecInfoSource 82-2007/Nov
         (c) 2007 Info.Sources Inc
File 266:FEDRIP 2007/May
         Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  56:Computer and Information Systems Abstracts 1966-2007/Jun
         (c) 2007 CSA.
File  57:Electronics & Communications Abstracts 1966-2007/Jun
         (c) 2007 CSA.
File  60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jun
         (c) 2007 CSA.

Set     Items   Description
S1       2349   (UNIVERSAL?? OR USER? ? OR UNIFORM??)(1W)RESOURCE? ?
S2        868   S1(1W)(IDENTIFIE?? OR IDENTIFICATION? ? OR IDENTIFY? OR IN-
             DICAT???? OR LOCAT???? OR ID OR IDS OR NAME? ? OR NUMBER? ? OR
              NUMERAL? ? OR NUMERIC???)
S3      10170   URL OR URLS OR URI OR URIS OR URN OR URNS
S4      98190   (WEB OR INTERNET OR WWW OR W3 OR NET)(1W)(SITE? ? OR PAGE?
            ? OR ADDRESS?? OR IDENTIFIER? ?) OR WEBPAGE? OR WEBSITE?
S5       5344   HOMEPAGE? OR HOME()PAGE? ?
S6       7085   (IP OR INTERNET()PROTOCOL OR DOMAIN)(1W)(ADDRESS?? OR NAME?
            ? OR NUMBER? ?) OR DOTTED(1W)QUAD? ? OR FQDN? ?
S7    1336271   REQUEST??? OR QUERY??? OR QUERIE? ? OR INQUIR? OR ENQUIR? -
           OR REQUISITION? ? OR ATTEMPT? OR TRIE? ? OR TRY???
S8       7747   PING???
S9      13248   (MANY OR MULTI OR SEVERAL OR NUMEROUS OR PLURAL? OR MULTIT-
            UD? OR PLURIF? OR MULTIPLICIT?)(1W)S7
S10       778   (ARRAY? ? OR MYRIAD? ? OR SERIES)(1W)S7
S11      1726   S7(3N)(COPIOUS? OR PROFUSION? OR PLENITUD? OR MASS???)
S12      7297   S7(3N)(FLOOD??? OR BULK OR VOLUME? ? OR PIPELIN??? OR CASC-
            AD??? OR CLUSTER??? OR CHAIN??? OR REDUNDAN?)
S13     29579   S7(3N)(ABUNDAN? OR MULTIPLE? ? OR GROUP??? OR VOLUMINOUS? -
           OR QUANTITY? ? OR QUANTITIES OR NUMBER? ?)
S14   4668758   SITE OR SITES OR PAGE OR PAGES OR ADDRESS?? OR DOMAIN? ?
S15   2134207   LEGITIMA? OR VALID? OR AUTHENTIC? OR VERIFY? OR VERIFIE?? -
           OR VERIFICAT? OR SUBSTANTIAT? OR GENUINE OR BONAFIDE? OR BONA-
           ()FIDE? ?
S16       689   S15(5N)S2:S6
S17     25845   S15(5N)S14
S18       160   S8(5N)(S2:S6 OR S14)
S19         1   S18 AND S16:S17
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S20          2   S18(50N)S15
S21       1220   S9:S13(5N)(SEND??? OR SENT OR SUBMIT? OR SUBMISSION? ? OR -
            TRANSMIT? OR TRANSMISSION? ? OR DISSEMINAT? OR ISSU???)
S22       1379   S9:S13(5N)(ISSUANCE? ? OR STREAM??? OR DISPATCH? OR DELIVE-
            R??? OR CONVERY????? OR DISTRIBUT???? OR NETCAST?)
S23        631   S9:S13(5N)(THROUGHPUT? OR THROUGH()PUT???? OR COMMUNICAT??-
            ?? OR UNICAST? OR CYBERCAST? OR BROADCAST? OR WEBCAST?)
S24        140   S9:S13(5N)(MULTICAST? OR NETCAST? OR MULTISTREAM? OR EXPOR-
            T??? OR EXPORTATION? OR CYBERSTREAM? OR NARROWCAST?)
S25         61   S9:S13(5N)(DISPERS? OR DISBURS? OR CAST???)
S26          3   S18 AND S15
S27        194   S21:S25(7N)(S2:S6 OR S14)
S28          4   S27 AND S16:S17
S29          7   S26 OR S28
S30          4   S29/2004:2007
S31          3   S29 NOT S30
S32          3   RD  (unique items)
S33         42   S16:S17 AND S9:S13
S34         17   S33/2004:2007
S35         25   S33 NOT (S34 OR S29)
S36         23   RD  (unique items)

 36/7/5     (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

06755743   INSPEC Abstract Number: C9801-7250R-001
 Title: The Internet robot's guide to a Web site
  Author(s): Engst, T.
  Journal: BYTE (International Edition)    vol.22, no.5    p.63-4
  Publisher: McGraw-Hill,
  Publication Date: May 1997  Country of Publication: USA
  CODEN: BYTEDJ  ISSN: 0360-5280
  SICI: 0360-5280(199705)22:5L.63:IRGS;1-6
  Material Identity Number: G109-97011
  U.S. Copyright Clearance Center Code: 0360-5280/97/$1.50
  Language: English    Document Type: Journal Paper (JP)
  Treatment: Practical (P)
  Abstract: Although catalog  sites  often employ humans to  verify  and
classify  Web  pages , many  of  them  also harvest and maintain vast
quantities of information through the use of automated programs called
robots. Robots typically start with a page of links and recursively follow
all the links from that initial page. Although robots serve the useful
purpose of adding sites to Web-search sites, they can also overwhelm a
server's resources by barraging a site with multiple  requests . Further,
they might record Web pages that you do not want to appear in Web-search
sites. However, robots can be steered away from certain pages through the
use of the Standard for Robots Exclusion (SRE). Koster has created an
Internet Draft of the SRE and plans to submit it to the Internet
Engineering Task Force (IETF) for further discussion and standardization.
(0 Refs)
  Subfile: C
  Copyright 1997, IEE
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File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
File 350:Derwent WPIX 1963-2007/UD=200738
         (c) 2007 The Thomson Corporation

Set     Items   Description
S1       6234   (UNIVERSAL?? OR USER? ? OR UNIFORM??)(1W)RESOURCE? ?
S2       4464   S1(1W)(IDENTIFIE?? OR IDENTIFICATION? ? OR IDENTIFY? OR IN-
            DICAT???? OR LOCAT???? OR ID OR IDS OR NAME? ? OR NUMBER? ? OR
             NUMERAL? ? OR NUMERIC???)
S3      11911   URL OR URLS OR URI OR URIS OR URN OR URNS
S4      38657   (WEB OR INTERNET OR WWW OR W3 OR NET)(1W)(SITE? ? OR PAGE?
            ? OR ADDRESS?? OR IDENTIFIER? ?) OR WEBPAGE? OR WEBSITE?
S5       8000   HOMEPAGE? OR HOME()PAGE? ?
S6      14551   (IP OR INTERNET()PROTOCOL OR DOMAIN)(1W)(ADDRESS?? OR NAME?
             ? OR NUMBER? ?) OR DOTTED(1W)QUAD? ? OR FQDN? ?
S7     352460   REQUEST??? OR QUERY??? OR QUERIE? ? OR INQUIR? OR ENQUIR? -
            OR REQUISITION? ? OR ATTEMPT? OR TRIE? ? OR TRY???
S8       1759   PING???
S9       7494   (MANY OR MULTI OR SEVERAL OR NUMEROUS OR PLURAL? OR MULTIT-
            UD? OR PLURIF? OR MULTIPLICIT?)(1W)S7
S10       603   (ARRAY? ? OR MYRIAD? ? OR SERIES)(1W)S7
S11       297   S7(3N)(COPIOUS? OR PROFUSION? OR PLENITUD? OR MASS???)
S12      2412   S7(3N)(FLOOD??? OR BULK OR VOLUME? ? OR PIPELIN??? OR CASC-
            AD??? OR CLUSTER??? OR CHAIN??? OR REDUNDAN?)
S13     20299   S7(3N)(ABUNDAN? OR MULTIPLE? ? OR GROUP??? OR VOLUMINOUS? -
            OR QUANTITY? ? OR QUANTITIES OR NUMBER? ?)
S14    700178   SITE OR SITES OR PAGE OR PAGES OR ADDRESS?? OR DOMAIN? ?
S15    166690   LEGITIMA? OR VALID? OR AUTHENTIC? OR VERIFY? OR VERIFIE?? -
            OR VERIFICAT? OR SUBSTANTIAT? OR GENUINE OR BONAFIDE? OR BONA-
            ()FIDE? ?
S16      1696   S15(5N)S2:S6
S17      6695   S15(5N)S14
S18        81   S8(5N)(S2:S6 OR S14)
S19         8   S18 AND S16:S17
S20         7   S18(50N)S15
S21      5263   S9:S13(5N)(SEND??? OR SENT OR SUBMIT? OR SUBMISSION? ? OR -
            TRANSMIT? OR TRANSMISSION? ? OR DISSEMINAT? OR ISSU???)
S22      1160   S9:S13(5N)(ISSUANCE? ? OR STREAM??? OR DISPATCH? OR DELIVE-
            R??? OR CONVERY????? OR DISTRIBUT???? OR NETCAST?)
S23      2092   S9:S13(5N)(THROUGHPUT? OR THROUGH()PUT???? OR COMMUNICAT??-
            ?? OR UNICAST? OR CYBERCAST? OR BROADCAST? OR WEBCAST?)
S24       196   S9:S13(5N)(MULTICAST? OR NETCAST? OR MULTISTREAM? OR EXPOR-
            T??? OR EXPORTATION? OR CYBERSTREAM? OR NARROWCAST?)
S25        51   S9:S13(5N)(DISPERS? OR DISBURS? OR CAST???)
S26       666   S21:S25(7N)(S2:S6 OR S14)
S27        25   S26 AND S16:S17
S28        33   S19:S20 OR S27
S29        19   S28 AND AC=US/PR AND AY=(1963:2003)/PR
S30        25   S28 AND AC=US AND AY=1963:2003
S31        25   S28 AND AC=US AND AY=(1963:2003)/PR
S32        21   S28 AND PY=1963:2003
S33        29   S29:S32
S34        29   IDPAT (sorted in duplicate/non-duplicate order)
S35        29   IDPAT (primary/non-duplicate records only)

 35/69,K/2     (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015398384  - Drawing available
WPI ACC NO: 2005-743520/200576
XRPX Acc No: N2005-612922
```

Dead electronic mail identification method in e.g.network electronic mail system, involves processing delivery attribute values by pinging address and performing simple network monitoring query for address

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: KUBIK J; ULLMANN L E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6959324	B1	20051025	US 2000671059	A	20000928	200576 B

Priority Applications (no., kind, date): US 2000671059 A 20000928

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6959324	B1	EN	16	10	

Alerting Abstract US B1

NOVELTY - A response including validity information indicating whether the address is an invalid address and delivery attribute values comprising delivery information regarding the electronic message, is received. The delivery attribute values are processed by pinging the address and performing simple network monitoring query for the address to form delivery failure analysis information.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.dead electronic mail identification apparatus; and

2.computer program product for dead electronic mail identification.

USE - For identifying dead electronic mail (e-mail) in network e-mail system and web-based e-mail system.

ADVANTAGE - Enhances analysis of delivery failures by adding generic attributes to electronic mail (e-mail).

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the network electronic mail (e-mail) system.

Title Terms/Index Terms/Additional Words: DEAD; ELECTRONIC; MAIL; IDENTIFY; METHOD; NETWORK; SYSTEM; PROCESS; DELIVER; ATTRIBUTE; VALUE; ADDRESS; PERFORMANCE; SIMPLE; MONITOR; QUERY

Class Codes
International Classification (Main): G06F-013/00
US Classification, Issued: 709206000, 709217000, 709224000, 719328000

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-N01C; T01-N02B2B; T01-S03; W01-A06A3; W01-A06E1

...identification method in e.g.network electronic mail system, involves processing delivery attribute values by pinging address and performing simple network monitoring query for address

...NOVELTY - A response including validity information indicating whether the address is an invalid address and delivery attribute values comprising delivery information regarding the electronic message, is received. The delivery attribute values are processed by pinging the address and performing simple network monitoring query for the address to form delivery failure analysis information.

Original Publication Data by Authority

Original Abstracts:
A dead e-mail identification locator discovers dead e-mail addresses without forwarding messages to valid recipients. Existing headers in

the mail protocol are extended to include a test header. A mail server that supports...

...the address does exist. The test header allows a sender to test an e-mail address for validity without the message being forwarded to the user, as will be described below. The sender may be a dead...
Claims:
...to the recipient;receiving a response, the response including validity information indicating whether that the address is an invalid address , and at least one delivery attribute value corresponding to the at least one delivery attribute, the at least one...

...wherein the step of processing the at least one delivery attribute value comprises one of pinging the address and performing a simple network monitoring query for the address.> Basic Derwent Week: 200576

35/69,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0012852793 - Drawing available
WPI ACC NO: 2002-711479/ 200277
XRPX Acc No: N2002-561070
Electronic mail message sending method involves verifying whether e-mail address is valid by sending test message to address before sending actual message
Patent Assignee: MICRON TECHNOLOGY INC (MICR-N)
Inventor: ROLLINS D
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 6434601	B1	20020813	US 1999281935	A	19990331	200277	B

Priority Applications (no., kind, date): US 1999281935 A 19990331

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6434601	B1	EN	11	3	

Alerting Abstract US B1
NOVELTY - An e-mail address of an intended recipient is received into address accepting field of an e-mail software program. The e-mail message is sent to user based on whether verification of address is valid by sending a test/ ping message to the address before sending the actual message.
DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1.Electronic mail message sending system;

2.Computer readable storage medium storing electronic mail sending program; and

3.Computer readable code transmitting method.

USE - For sending electronic mail messages in internet.
ADVANTAGE - The execution of a ping is an extremely quick way to verify the mail address .
DESCRIPTION OF DRAWINGS - The figure shows the e-mail delivery system.

Title Terms/Index Terms/Additional Words: ELECTRONIC; MAIL; MESSAGE; SEND; METHOD; VERIFICATION; ADDRESS; VALID; TEST; ACTUAL

Class Codes

International Classification (Main): G06F-015/16
US Classification, Issued: 709206000, 709232000
File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01C; T01-S03

Electronic mail message sending method involves verifying whether e-mail address is valid by sending test message to address before sending actual message

Alerting Abstract ...e-mail software program. The e-mail message is sent to user based on whether verification of address is valid by sending a test/ ping message to the address before sending the actual message. ...ADVANTAGE - The execution of a ping is an extremely quick way to verify the mail address .

Original Publication Data by Authority

Claims:
...least one intended recipient of said e-mail message into an address accepting field of an e-mail software program; verifying whether said at least one entered e-mail address is valid and able to receive e-mail messages, said verification being performed by said e-mail software program sending a ping/test message prior to...
Basic Derwent Week: 200277
? t35/69,k/18-19,23,25

35/69,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0012478315 - Drawing available
WPI ACC NO: 2002-425115/ 200245
XRPX Acc No: N2002-334255
Network presence information distribution and maintenance method for internet application, involves transmitting peer network presence information from server to client, to verify peer network presence
Patent Assignee: DREKE C (DREK-I); EDWARDS J W (EDWA-I); HAZZARD W K (HAZZ-I); INTEL CORP (ITLC); KUNZE A (KUNZ-I)
Inventor: DREKE C; EDWARDS J W; HAZZARD W K; KUNZE A
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020035594	A1	20020321	US 1998221628	A	19981228	200245	B
US 6463471	B1	20021008	US 1998221628	A	19981228	200269	E

Priority Applications (no., kind, date): US 1998221628 A 19981228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020035594	A1	EN	9	4	

Alerting Abstract US A1
NOVELTY - One of the client (1-3) sends a message including user network presence information and a request for peer network presence information, to an internet presence information server (4). The server forwards the requested information to the client. The client then verifies the peer network presence using received information.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.Computer program product for information distribution and maintenance;

2.Peer-to-peer network system;

3.Server-based peer-to-peer network system

USE - In internet applications such as internet phones, workgroup applications, games and services such as internet facsimile. Also for ascertaining presence of user devices like cellular telephone, in network.
ADVANTAGE - The clients are able to directly communicate with each other simultaneously without utilizing server by using application program interface (API). IP address provided to each peer provides authentication whether the intended peer is available or not.
DESCRIPTION OF DRAWINGS - The figure shows three client computers adapted to be coupled to an internet presence information (IPIS) server.
1-3 Clients
4 Internet presence information server

Title Terms/Index Terms/Additional Words: NETWORK; PRESENCE; INFORMATION; DISTRIBUTE; MAINTAIN; METHOD; APPLY; TRANSMIT; PEER; SERVE; CLIENT; VERIFICATION

Class Codes
International Classification (Main): G06F-015/173
(Additional/Secondary): G06F-015/16
US Classification, Issued: 709203000, 709200000, 709224000, 709207000, 709204000

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-C07D; T01-N02A2; T01-S03; W01-A06F2; W01-A06G3; W01-B05A1D

Alerting Abstract ...directly communicate with each other simultaneously without utilizing server by using application program interface (API). IP address provided to each peer provides authentication whether the intended peer is available or not.

Original Publication Data by Authority

Original Abstracts:
...directly contact the peers on the first list received from the IPIS by confirming and authenticating the received IP addresses. According to policy, the user directly contacts the peers on the...

...the user is currently signed on-line. Finally, the user periodically "pings" (directly contacts) the confirmed and authenticated IP addresses from the first list received from the IPIS to determine when those peers sign off-line...

...directly contact the peers on the first list received from the IPIS by confirming and authenticating the received IP addresses. According to policy, the user directly contacts the peers on the...

...is currently signed on-line. Finally, the user periodically "pings" (directly contacts) the confirmed and authenticated IP addresses from the first list received from the IPIS to determine when those peers sign off-line.
Claims:
...a last known network address for each peer from the server;transmitting to each network address a first message to verify that each network address is active;in response to the first message, receiving a peer identity corresponding to each active network address;determining whether the identity of the peer corresponding to each active network address matches with the identity of the one or more peers included in the first

list of peers; andfor each determined match, validating the peer included in the first list of peers as an authentic peer of interest.
Basic Derwent Week: 200245

35/69,K/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0012477302 - Drawing available
WPI ACC NO: 2002-424066/ 200245
Method for verifying valid electronic mail address
Patent Assignee: HWANG W S (HWAN-I)
Inventor: HWANG W S
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 2002001237	A	20020109	KR 200035657	A	20000627	200245 B

Priority Applications (no., kind, date): KR 200035657 A 20000627

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2002001237	A	KO	1	10	

Alerting Abstract KR A
NOVELTY - A method for verifying a valid electronic mail address is provided to make a member managing server verify whether an E-mail address being inputted by a client is a valid E-mail address in real time in case that a client connects to a member managing server and inputs personal information of the client.
DESCRIPTION - A client connects to an information supplying server and inputs an E-mail address of a client(101). The information supplying server judges as to a validity of an E-mail address supplying server through a communication with the E-mail address supplying server providing an E-mail address of the client(102). The information supplying server judges as to the validity of the E-mail address supplying server using a communication with the E-mail address supplying server through a ping process. The information supplying server checks whether a host name of an E-mail address inputted by the client is existed in a host name database from a host name database registering a host name verified as a valid host name for judging the validity .

Title Terms/Index Terms/Additional Words: METHOD; VERIFICATION; VALID; ELECTRONIC; MAIL; ADDRESS

Class Codes
International Classification (Main): G06F-017/60

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A
Method for verifying valid electronic mail address

Alerting Abstract ...NOVELTY - A method for verifying a valid electronic mail address is provided to make a member managing server verify whether an E-mail address being inputted by a client is a valid E-mail address in real time in case that a client connects to a member managing server and...
...E-mail address of a client(101). The information supplying server judges as to a validity of an E-mail address supplying server through a communication with the E-mail address supplying server providing an E-mail address of the client(102). The information supplying server judges as to the validity of the E-mail address supplying server using a

communication with the E-mail address supplying server through a ping process. The information supplying server checks whether a host name of an E-mail address...

...existed in a host name database from a host name database registering a host name verified as a valid host name for judging the validity .

...

...

35/69,K/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0009601257 - Drawing available
WPI ACC NO: 1999-550215/ 199946
XRPX Acc No: N1999-407087
Radio affiliation database updating method for RF communication systems
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: PETERSON L M; YI S A
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 5946632	A	19990831	US 1997778857	A	19970106	199946	B

Priority Applications (no., kind, date): US 1997778857 A 19970106

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5946632	A	EN	9	4	

Alerting Abstract US A
NOVELTY - The controller (120) receiving an affiliation request message (171) from the radio (101) determines whether the target sites (135,145) are in a valid site group. The radio receives an affiliation denial message (181) and updated database message (191) based on which radio database (110) is updated.
DESCRIPTION - The affiliation denial message denies permission for the radio to affiliate with the target site. The updated database message is based on the controller database which is altered by adding one site to the controller allowed site group. When the radio is not currently affiliated with sites, waits until the radio is affiliated with atleast one site and then sends updated database message based on the controller database.
USE - For updating radio affiliation database in radio frequency communication system.
ADVANTAGE - By updating the radio database based on updated database message from controller. No necessity for the radio user or system manager to notice repeated affiliation attempts and recognize that there is a programming conflict between radio and controller.
DESCRIPTION OF DRAWINGS - The figure shows the radio frequency communication system suitable for demonstrating a method for updating a radio affiliation database.
101 Radio
110 Radio database
120 Controller
135,145 Target sites
171 Affiliation request message
181 Affiliation denial message
191 Updated database message

Title Terms/Index Terms/Additional Words: RADIO; DATABASE; UPDATE; METHOD; RF; COMMUNICATE; SYSTEM

Class Codes
International Classification (Main): H04Q-007/28
US Classification, Issued: 455525000, 455520000

File Segment: EPI;
DWPI Class: W01; W02
Manual Codes (EPI/S-X): W01-B05A7; W02-C03C3A; W02-C03C3G

...120) receiving an affiliation request message (171) from the radio (101) determines whether the target sites (135,145) are in a valid site group. The radio receives an affiliation denial message (181) and updated database message (191) based...

Original Publication Data by Authority

Original Abstracts:
...radio frequency sites (135, 145) based on a radio database (110) defining a group of valid site affiliations and a group of invalid site affiliations. Affiliations by the radio are controlled by a controller (120) with a controller database...
Claims:
...of sites being coupled to the controller, the radio including a radio database defining a valid site group and an invalid site group, the valid site group comprising those sites of the plurality of sites with which affiliations are valid for the radio, the invalid site group comprising those sites with which affiliations are invalid for the radio, the radio being arranged for...

...the radio:(a) desiring to affiliate with a target site;(b) determining when the target site is a member of the valid site group;(c) when the target site is a member of the valid site group , sending an affiliation request message to the controller , the affiliation request message requesting permission for the radio to affiliate with the target site;(d) determining when an affiliation denial...
Basic Derwent Week: 199946

35/69,K/25 (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0008473306 - Drawing available
WPI ACC NO: 1998-002155/ 199801
XRPX Acc No: N1998-001699
Establishing active devices on network e.g. for digital communications - detecting active devices in ARP tables from routers on network, and sending pings to active devices for verification, or sending batch of pings and monitoring network for responses
Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: JANZE L; NELSON J; RANGARAJAN G; RAVICHANDRAN K
Patent Family (3 patents, 7 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 809383	A2	19971126	EP 1997302847	A	19970425	199801	B
JP 10056451	A	19980224	JP 1997119449	A	19970509	199818	E
US 5835720	A	19981110	US 1996649187	A	19960517	199901	E

Priority Applications (no., kind, date): US 1996649187 A 19960517

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 809383	A2	EN	11	4	

Regional Designated States,Original: DE FR GB NL SE

JP 10056451 A JA 13

Alerting Abstract EP A2
The method of discovering devices on a network comprises accessing an ARP (Address Resolution Protocol) table from at least one device on the network including accessing a local ARP table. The accessed ARP table is used to identify other devices on the network.
A number of gateways are identified on the network where N is a positive integer, and an ARP table is retrieved from at least one of the identified gateways.
USE/ADVANTAGE - E.g. for network of personal computers. Can discover devices on network at higher speed.

Title Terms/Index Terms/Additional Words: ESTABLISH; ACTIVE; DEVICE; NETWORK; DIGITAL; COMMUNICATE; DETECT; TABLE; ROUTER; SEND; VERIFICATION; BATCH; MONITOR; RESPOND

Class Codes
International Classification (Main): G06F-017/00, H04L-012/26, H04L-029/06
(Additional/Secondary): H04L-012/28, H04L-012/46, H04L-012/56
US Classification, Issued: 395200540

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-H07C5A; T01-H07P; W01-A06E1; W01-A06F; W01-A06G3

Original Publication Data by Authority

Original Abstracts:
...from routers on the network. Pings can then be sent to the active devices for verification , or pings can be sent to devices at other addresses on the network. Devices can also be discovered by sending a batch of pings to addresses on the network and monitoring responses from those addresses over an interval. After the interval elapses, another batch of...

...from routers on the network. Pings can then be sent to the active devices for verification , or pings can be sent to devices at other addresses on the network. Devices can also be discovered by sending a batch of pings to addresses on the network and monitoring responses from those addresses over an interval. After the interval elapses, another batch of pings can be sent. The devices can be discovered by a host on the network or...
Claims:
...the network;identifying additional devices on the network by:sending at least two batches of pings to addresses of devices that have not been identified in accessed ARP tables; andafter sending each batch of pings , waiting an interval for responses from any devices at the addresses to which the pings were sent;wherein the step of sending a batch of pings comprises sending pings to multiple addresses without waiting for responses until all the pings have been sent to the multiple addresses.>
Basic Derwent Week: 199801
? t35/69,k/26;t35/9/28-29

35/69,K/26 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0008307428 - Drawing available
WPI ACC NO: 1997-418488/ 199739
XRPX Acc No: N1997-348539
Increasing number of inputs to microprocessor-based controller - combines

addressing and configuration data to select one of allowed range of addresses for peripheral and waits for peripheral acknowledgement
Patent Assignee: PARAGON ELECTRIC CO INC (PARA-N)
Inventor: PECORE R A
Patent Family (3 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
FR 2744539	A1	19970808	FR 1997401	A	19970116	199739	B
CA 2186334	A	19970802	CA 2186334	A	19960924	199749	E
US 5860028	A	19990112	US 1996595383	A	19960201	199910	E

Priority Applications (no., kind, date): US 1996595383 A 19960201

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
FR 2744539	A1	FR	25	4	
CA 2186334	A	EN			

Alerting Abstract FR A1

The data processing system has a number of peripherals (104) and an address decoder connected to the peripheral. The address decoder has an address input (108) and a configuration input (112) coupled to the data input (114). The address decoder is configured to select the peripheral after both the address input and the configuration input are available if the peripheral has a range of allowed addresses.

A processor (102) coupled to the peripheral and to the address decoder attempts to communicate with the peripheral by verifying the range of possible addresses for the peripheral till the peripheral responds.

USE - Embedded controllers, particularly those used in domestic appliances

ADVANTAGE - Allows peripheral configuration and addressing inputs that are not needed to be made available to other devices, extending number of peripherals that can be connected to microprocessor.

Title Terms/Index Terms/Additional Words: INCREASE; NUMBER; INPUT; MICROPROCESSOR; BASED; CONTROL; COMBINATION; ADDRESS; CONFIGURATION; DATA ; SELECT; ONE; ALLOW; RANGE; PERIPHERAL; ACKNOWLEDGE; EMBEDDED; CONTROLLERS; DOMESTIC; APPLIANCES

Class Codes
International Classification (Main): G06F-013/14, G06F-003/00
(Additional/Secondary): G06F-013/00, G06F-013/22
US Classification, Issued: 395861000, 395822000, 395830000, 395837000, 395866000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J08A

Alerting Abstract ...to the peripheral and to the address decoder attempts to communicate with the peripheral by verifying the range of possible addresses for the peripheral till the peripheral responds...

Original Publication Data by Authority

Claims:
...and to the address input of the address decoder, the processor configured to attempt communication with the peripheral by checking the plurality of possible device addresses of the peripheral until the address decoder selects the peripheral and the peripheral gives a...
...
...

35/9/28 (Item 28 from file: 347)

06366761 **Image available**
INFORMATION COMMUNICATION DEVICE

PUB. NO.: 11-308372 [JP 11308372 A]
PUBLISHED: November 05, 1999 (19991105)
INVENTOR(s): IWASE SUMIO
APPLICANT(s): SONY CORP
APPL. NO.: 10-113773 [JP 98113773]
FILED: April 23, 1998 (19980423)
INTL CLASS: H04M-011/00; H04L-012/02; H04L-012/56; H04M-003/00; H04Q-011/04

ABSTRACT

PROBLEM TO BE SOLVED: To simply set an IP address by using a connected telephone set in the Internet telephone system.

SOLUTION: When a button '*' or '#' of a telephone set is depressed, an address setting mode is set and numerals entered sequentially are stored in an address storage section 21. An address verification section 22 verifies whether or not the numerals are proper as the IP address, and when proper, a ping section 23 applies ping processing to them to check the arrival possibility to a speech destination. When any error is in existence in the checking above, address re-entry is urged in voice by a message synthesis section 25 and a voice output section 26. When a proper address is set, a transmission state detection section 24 detects a transmission state of a network based on the response in the ping processing to control a quantization rate of voice data by a quantization section 13.

```
File 348:EUROPEAN PATENTS 1978-2007/ 200724
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070614UT=20070607
         (c) 2007 WIPO/Thomson

Set     Items   Description
S1      13050   (UNIVERSAL?? OR USER? ? OR UNIFORM??)(1W)RESOURCE? ?
S2      11992   S1(1W)(IDENTIFIE?? OR IDENTIFICATION? ? OR IDENTIFY? OR IN-
             DICAT???? OR LOCAT???? OR ID OR IDS OR NAME? ? OR NUMBER? ? OR
              NUMERAL? ? OR NUMERIC???)
S3      50337   URL OR URLS OR URI OR URIS OR URN OR URNS
S4      55415   (WEB OR INTERNET OR WWW OR W3 OR NET)(1W)(SITE? ? OR PAGE?
             ? OR ADDRESS?? OR IDENTIFIER? ?) OR WEBPAGE? OR WEBSITE?
S5       7862   HOMEPAGE? OR HOME()PAGE? ?
S6      26431   (IP OR INTERNET()PROTOCOL OR DOMAIN)(1W)(ADDRESS?? OR NAME?
              ? OR NUMBER? ?) OR DOTTED(1W)QUAD? ? OR FQDN? ?
S7    2149087   REQUEST??? OR QUERY??? OR QUERIE? ? OR INQUIR? OR ENQUIR? -
             OR REQUISITION? ? OR ATTEMPT? OR TRIE? ? OR TRY???
S8      12356   PING???
S9      19816   (MANY OR MULTI OR SEVERAL OR NUMEROUS OR PLURAL? OR MULTIT-
             UD? OR PLURIF? OR MULTIPLICIT?)(1W)S7
S10      1026   (ARRAY? ? OR MYRIAD? ? OR SERIES)(1W)S7
S11       998   S7(3N)(COPIOUS? OR PROFUSION? OR PLENITUD? OR MASS???)
S12      6000   S7(3N)(FLOOD??? OR BULK OR VOLUME? ? OR PIPELIN??? OR CASC-
             AD??? OR CLUSTER??? OR CHAIN??? OR REDUNDAN?)
S13     39648   S7(3N)(ABUNDAN? OR MULTIPLE? ? OR GROUP??? OR VOLUMINOUS? -
             OR QUANTITY? ? OR QUANTITIES OR NUMBER? ?)
S14    856346   SITE OR SITES OR PAGE OR PAGES OR ADDRESS?? OR DOMAIN? ?
S15    292791   LEGITIMA? OR VALID? OR AUTHENTIC? OR VERIFY? OR VERIFIE?? -
             OR VERIFICAT? OR SUBSTANTIAT? OR GENUINE OR BONAFIDE? OR BONA-
             ()FIDE? ?
S16      4393   S15(5N)S2:S6
S17     18649   S15(5N)S14
S18       511   S8(5N)(S2:S6 OR S14)
S19       163   S18 AND S16:S17
S20        58   S18(50N)S15
S21      6777   S9:S13(5N)(SEND??? OR SENT OR SUBMIT? OR SUBMISSION? ? OR -
             TRANSMIT? OR TRANSMISSION? ? OR DISSEMINAT? OR ISSU???)
S22      1849   S9:S13(5N)(ISSUANCE? ? OR STREAM??? OR DISPATCH? OR DELIVE-
             R??? OR CONVERY????? OR DISTRIBUT???? OR NETCAST?)
S23      2106   S9:S13(5N)(THROUGHPUT? OR THROUGH()PUT???? OR COMMUNICAT??-
             ?? OR UNICAST? OR CYBERCAST? OR BROADCAST? OR WEBCAST?)
S24       425   S9:S13(5N)(MULTICAST? OR NETCAST? OR MULTISTREAM? OR EXPOR-
             T??? OR EXPORTATION? OR CYBERSTREAM? OR NARROWCAST?)
S25       124   S9:S13(5N)(DISPERS? OR DISBURS? OR CAST???)
S26       814   S21:S25(7N)(S2:S6 OR S14)
S27        30   S26(50N)S16:S17
S28        86   S20 OR S27
S29        46   S28 AND AC=US/PR AND AY=(1963:2003)/PR
S30        46   S28 AND AC=US AND AY=1963:2003
S31        46   S28 AND AC=US AND AY=(1963:2003)/PR
S32        43   S28 AND PY=1963:2003
S33        53   S29:S32
S34        53   IDPAT (sorted in duplicate/non-duplicate order)
S35        53   IDPAT (primary/non-duplicate records only)
? t35/5,k/5-6,18,20,22,25,30-31,33,36,38,41,43

 35/5,K/5     (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

00884175
Apparatus and method for discovering active devices using IP
```

Gerat und Verfahren zur Erkennung aktiver Knoten mittels IP
Dispositif et methode pour la decouverte de noeuds actifs avec IP
PATENT ASSIGNEE:
SUN MICROSYSTEMS, INC., (1392732), 2550 Garcia Avenue, Mountain View, California 94043-1100, (US), (Applicant designated States: all)
INVENTOR:
Nelson,Jamie, 35 St Tropez Court, Danville California 94506, (US)
Janze,Leonard, 1620 Orchard Lane, Walnut Creek California 94595, (US)
Ravichandran,Kalpana, 1634 Roll St, Santa Clara California 95950, (US)
Rangarajan,Govindarajan, 472 Crescent Ave, Sunnyvale California 94087, (US)
LEGAL REPRESENTATIVE:
Cross, Rupert Edward Blount et al (42891), BOULT WADE TENNANT, Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)
PATENT (CC, No, Kind, Date): EP 809383 A2 971126 (Basic)
EP 809383 A3 010214
APPLICATION (CC, No, Date): EP 97302847 970425;
PRIORITY (CC, No, Date): US 649187 960517
DESIGNATED STATES: DE; FR; GB; NL; SE
INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04L-012/56

ABSTRACT EP 809383 A2
Active devices can be discovered in ARP tables from routers on the network. Pings can then be sent to the active devices for verification , or pings can be sent to devices at other addresses on the network. Devices can also be discovered by sending a batch of pings to addresses on the network and monitoring responses from those addresses over an interval. After the interval elapses, another batch of pings can be sent. The devices can be discovered by a host on the network or by a network manager. The network manager can add the discovered devices to a network topology database.
ABSTRACT WORD COUNT: 103
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report:	010214	A3	Separate publication of the search report
Application:	971126	A2	Published application (A1with Search Report ;A2without Search Report)
Change:	070425	A2	Title of invention (French) changed: 20070425
Change:	070425	A2	Title of invention (English) changed: 20070425
Change:	070425	A2	Title of invention (German) changed: 20070425
Change:	061115	A2	Title of invention (French) changed: 20061115
Change:	061115	A2	Title of invention (English) changed: 20061115
Change:	061115	A2	Title of invention (German) changed: 20061115
Examination:	040728	A2	Date of dispatch of the first examination report: 20040615
Examination:	011010	A2	Date of request for examination: 20010810
Examination:	040728	A2	Date of dispatch of the first examination report: 20040615
Change:	070103	A2	Title of invention (German) changed: 20070103
Change:	070103	A2	Title of invention (English) changed: 20070103
Change:	070103	A2	Title of invention (French) changed: 20070103

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9711W3	880
SPEC A	(English)	9711W3	4428
Total word count - document A			5308
Total word count - document B			0
Total word count - documents A + B			5308

...ABSTRACT from routers on the network. Pings can then be sent to the active devices for verification , or pings can be sent to devices at

other addresses on the network. Devices can also be discovered by sending a batch of pings to addresses on the network and monitoring responses from those addresses over an interval. After the interval...

35/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00839473
Network management system with improved node discovery and monitoring
Netzwerkverwaltungssystem mit verbesserter Knotenerkennung und -uberwachung
Systeme de gestion de reseau avec surveillance et detection amelioree de noeuds
PATENT ASSIGNEE:
NCR International, Inc., (1449484), 1700 South Patterson Boulevard, Dayton, Ohio 45479, (US), (Proprietor designated states: all)
INVENTOR:
Bondi, Andre B., 37 Molly Pitcher Village Ct., Red Bank, NJ 07001, (US)
LEGAL REPRESENTATIVE:
Williamson, Brian et al (84717), NCR Limited International Patent Department 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date): EP 777357 A2 970604 (Basic)
EP 777357 A3 971022
EP 777357 B1 050713
APPLICATION (CC, No, Date): EP 96308419 961121;
PRIORITY (CC, No, Date): US 565180 951128
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): H04L-012/24
CITED PATENTS (EP B): EP 455402 A; WO 95/06989 A; US 4598363 A; US 4638428 A; US 5432789 A
NOTE:
Figure number on first page: 7
LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination:	030625	A2	Date of dispatch of the first examination report: 20030508
Application:	970604	A2	Published application (A1with Search Report ;A2without Search Report)
Change:	060621	B1	Title of invention (French) changed: 20060621
Change:	060621	B1	Title of invention (English) changed: 20060621
Change:	060621	B1	Title of invention (German) changed: 20060621
Change:	040825	A2	Legal representative(s) changed 20040706
Change:	040825	A2	Legal representative(s) changed 20040706
Change:	041208	A2	Legal representative(s) changed 20041019
Grant:	050713	B1	Granted patent
Change:	970709	A2	Representative (change)
Search Report:	971022	A3	Separate publication of the European or International search report
Examination:	980617	A2	Date of filing of request for examination: 980422

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	461
CLAIMS B	(English)	200528	484
CLAIMS B	(German)	200528	476
CLAIMS B	(French)	200528	604
SPEC A	(English)	EPAB97	3915
SPEC B	(English)	200528	3968
Total word count - document A			4377
Total word count - document B			5532
Total word count - documents A + B			9909

...SPECIFICATION that are to be polled (step 514). When the network

management station is performing status verification tasks, pings are sent to the newly discovered nodes and nodes identified in the status...

...above, the pings are sent in a controlled sequence at a predetermined rate.
As the pings are sent, the IP address associated with each polled node is stored in IP record of an unacknowledged poll table...

...SPECIFICATION that are to be polled (step 514). When the network management station is performing status verification tasks, pings are sent to the newly discovered nodes and nodes identified in the status...

...above, the pings are sent in a controlled sequence at a predetermined rate.
As the pings are sent, the IP address associated with each polled node is stored in IP record of an unacknowledged poll table...

35/5,K/18 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01155441 **Image available**
SYSTEMS, DEVICES, AND METHODS FOR NETWORK WIZARDS
SYSTEMES, DISPOSITIFS ET PROCEDES POUR ASSISTANTS DE RESEAU
Patent Applicant/Assignee:
SIEMENS ENERGY & AUTOMATION INC, 3333 Old Milton Parkway, Alpharetta, GA 30005-4437, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
KARKLINS Gregory J, 302 Green Valley Dr., Johnson City, Tennessee 37601, US, US (Residence), US (Nationality), (Designated only for: US)
CORNETT James W, 580 Riverside Road, Bluff City, Tennessee 37618, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
RUBIN Benjamin M (et al) (agent), Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, New Jersey 08830, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200477740 A1 20040910 (WO 0477740)
Application: WO 2004US5680 20040226 (PCT/WO US04005680)
Priority Application: US 2003450098 20030226; US 2004781170 20040218
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-012/24
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8095

English Abstract
Certain exemplary embodiments comprise a method for configuring a network interface device. The network interface device can be adaptable to

connect a programmable logic controller to a network. The method can comprise automatically enforcing, via a wizard, user compliance with a plurality of predetermined steps for a computer-assisted configuration of the network interface device. The computer-assisted configuration of the network interface device can relate to an OSI transport layer or above. The method can comprise receiving at least one setting associated with a network connection for the network interface device

Legal Status (Type, Date, Text)
Publication 20040910 A1 With international search report.
Publication 20040910 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20060518 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Detailed Description

Detailed Description
... IP address of an SMTP server, etc. In certain exemplary embodiments, address settings can be verified by comparing settings to predetermined formats and/or ranges for valid settings.

In certain exemplary embodiments, address settings can be verified , for example, by pinging the addresses and detecting a response.

[101] FIG.4isablockdiagramofanexemplaryembodimentofan information device 4000, which in certain operative embodiments...

35/5,K/20 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01108012 **Image available**
SYSTEM AND METHOD FOR DISPLAYING IMAGES AND VIDEO WITHIN A WEB PAGE
SYSTEME ET PROCEDE PERMETTANT D'AFFICHER DES IMAGES ET DES VIDEOS DANS UNE PAGE WEB
Patent Applicant/Assignee:
YAHOO INC, 701 First Avenue, Sunnyvale, CA 94089, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
MORRISROE Lawrence E, 5606 Stevens Creek Boulevard, Apt. 213, Cupertino, CA 90211, US, US (Residence), US (Nationality), (Designated only for: US)
CHU Jack, 607 Arcadia Terrace, #301, Sunnyvale, CA 94085, US, US (Residence), US (Nationality), (Designated only for: US)
MANCINI Christopher J, 2801 Flamingo Lane, Plano, TX 75074, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
ALBERT Philip H et al (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200429772 A2-A3 20040408 (WO 0429772)
Application: WO 2003US30545 20030929 (PCT/WO US2003030545)
Priority Application: US 2002260134 20020927
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE EG ES FI (utility model) FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (utility model) SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F

International Patent Class (v8 + Attributes)

IPC + Level Value	Position	Status	Version	Action	Source Office:
G06F-0003/00	A	I	F B 20060101	H	US
G06F-0009/00	A	I	L B 20060101	H	US
G06F-0015/00	A	I	L B 20060101	H	US
G06F-0017/00	A	I	L B 20060101	H	US
G06F-0017/21	A	I	L B 20060101	H	US
G06F-0017/24	A	I	L B 20060101	H	US
G11B-0027/00	A	I	L B 20060101	H	US
H04N-0005/44	A	I	L B 20060101	H	US
H04N-0007/173	A	I	L B 20060101	H	US

Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 7393

English Abstract
A system and method for displaying images and video with a web page are disclosed. In one embodiment, images and video may be displayed in a web page by providing a web page including a display window, a timer, and a video retrieval module. The timer may commence upon the web page being downloaded into a browser at a client device. The web page displays a first image in the display window and plays at least a portion of a first video file within the display window in response to entry of a play command. The web page displays a second image in the display window in response to the expiration of a predetermined time as determined by the timer and no entry of the play command.

Legal Status (Type, Date, Text)

Publication	20040408	A2 Without international search report and to be republished upon receipt of that report.
Search Rpt	20060518	Late publication of international search report
Republication	20060518	A3 With international search report.
Republication	20060518	A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:
Detailed Description

Detailed Description
... the server cluster 108. As those skilled in the art appreciate, "pinging" generally refers to verifying that an IP address exists and accepts requests. By pinging one or more servers of the server cluster 108, the network connection checker 412 confirms...

35/5,K/22 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01086242 **Image available**
REAL-TIME PACKET TRACEBACK AND ASSOCIATED PACKET MARKING STRATEGIES
TRACAGE EN TEMPS REEL DE PAQUETS ET STRATEGIES DE MARQUAGE DE PAQUETS ASSOCIEES
Patent Applicant/Assignee:
THE PENN STATE RESEARCH FOUNDATION, 304 Old Main, University Park, PA 16802-7000, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
HAMADEH Ihab, 711 University Drive, Apt # S209, State College, PA 16801, US, US (Residence), LB (Nationality), (Designated only for: US)
KESIDIS George, 692 Tanager Drive, State College, PA 16803, US, US (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
GEORGE Keith E (et al) (agent), McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200408700 A2-A3 20040122 (WO 0408700)
Application: WO 2003US21845 20030711 (PCT/WO US03021845)
Priority Application: US 2002395838 20020712; US 2003470337 20030514
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-029/06
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 21592

English Abstract
To facilitate effective and efficient tracing of packet flows back to a trusted point as near as possible to the source of the flow in question, devices on the border of the trusted region are configured to mark packets with partial address information. Typically, the markings comprise fragments of IP addresses of the border devices in combination with fragment identifiers. By combining a small number of marked packets, victims or other interested parties are able to reconstruct the IP address of each border device that forwarded a particular packet flow into the trusted region, and thereby approximately locate the source(s) of traffic without requiring the assistance of outside network operators. Moreover, traceback can be done in real-time, e.g. while a DDoS attack is on-going, so that the attack can be stopped before the victim suffers serious damage.

Legal Status (Type, Date, Text)
Publication 20040122 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20040408 Late publication of international search report

Republication 20040408 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... final step to reduce false positives could be to check whether the reconstructed addresses are valid IP addresses (from assigned address subspaces). One could use the ping utility to check the validity of each reconstructed IP address. This approach would, however, create significant traffic volume if the...

35/5,K/25 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00986424 **Image available**
HEURISTIC PROFILER FOR PACKET SCREENING
PROFILEUR EURISTIQUE POUR LE FILTRAGE DE PAQUETS
Patent Applicant/Inventor:
  MILO Gary, 9 Ruston Way, Ascot, Berkshire SL5 8TG, GB, GB (Residence), GB (Nationality)
  SHALLOW Jon P, 7 Butterfield, Wooburn Green, Buckinghamshire HP10 0PX, GB , GB (Residence), GB (Nationality)
Legal Representative:
  FROUD Clive (agent), Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR, GB,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200317616 A1 20030227 (WO 0317616)
  Application: WO 2002GB3677 20020807 (PCT/WO GB0203677)
  Priority Application: US 2001313577 20010816; US 200129088 20011019; US 2002161382 20020603
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  JP
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
Main International Patent Class (v7): H04L-029/06
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5849

English Abstract
An apparatus, computer program product, and method for screening packets at an interface between a local site and an external network. A heuristic profiler scrutinizes a candidate packet and calculates a value characterizing the IP source of the packet on the basis of prior encounters with the IP source as maintained in a hashed history table entry. A filter selectively passes packets from the external network to the site on the basis, at least, of the value ascribed to the source relative to a current threshold value determined on the basis of bandwidth usage.

Legal Status (Type, Date, Text)
Publication 20030227 A1 With international search report.

Patent and Priority Information (Country, Number, Date):
  Patent: ... 20030227
Fulltext Availability:
  Claims

Publication Year: 2003

Claim
... a PING command to test an Internet
connection, then program module ProcessPacketICMP 226 checks for valid
ICMP syntax and drops the packet if the syntax is invalid. In case a
PING to a broadcast address is detected, a defend- ping -flood
indicator may be set, ...packet is determined to be a diagnostic
response to another IP protocol, program module ProcessPacketICMP
validates whether an appropriate connection has been logored in the
0
corresponding state table, and, if...

35/5,K/30 (Item 30 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00935367 **Image available**
NETWORK SECURITY ACCELERATOR
ACCELERATEUR DE SECURITE DE RESEAU
Patent Applicant/Assignee:
SURGIENT NETWORKS INC, 8303 Mopac, Suite C300, Austin, TX 78746, US, US
(Residence), US (Nationality)
Inventor(s):
CANION Rodney S, 3204 Lating Stream Lane, West Lake Hills, TX 78746, US,
BAILEY Brian W, 8804B Clearbrook Trail, Austin, TX 78729, US,
GARVENS Thomas E, 5124 Concho Creek Bend, Austin, TX 78735, US,
JOHNSON Scott C, 3612 Galena Hills Loop, Round Rock, TX 78681-1032, US,
RICHTER Roger K, 15248 Faubion Trail, Leander, TX 78641, US,
WANG Ho, 2317 Waterway Bend, Austin, TX 78728, US,
Legal Representative:
ENDERS William W (agent), O'keefe, Egan & Peterman, LLP, 1101 Capital of
Texas Highway South, Building C, Suite 200, Austin, TX 78746, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200269604 A2-A3 20020906 (WO 0269604)
Application: WO 2001US45696 20011102 (PCT/WO US0145696)
Priority Application: US 2000246335 20001107; US 2001797411 20010301
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-029/06
International Patent Class (v7): H04L-012/26
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 23675

English Abstract
A network processing system uses intelligent security hardware is a
security accelerator at its front end. The security hardware performs
initial processing of incoming data, such as security detection tasks.
The security hardware is directly connected to one or more processing
units, via a bus or switch fabric, which execute appropriate applications

and/or storage programming.

Legal Status (Type, Date, Text)
Publication 20020906 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20030313 Late publication of international search report
Republication 20030313 A3 With international search report.
Withdrawal 20030327 Withdrawal of international application after international publication
Patent and Priority Information (Country, Number, Date):
Patent: ... 20020906
Fulltext Availability:
Detailed Description
Publication Year: 2002

Detailed Description
... To thwart such attacks, the network processor can be programmed with various algorithms directed to **authenticating** source IP addresses. Yet another attack is known as "ping" attacks. In ping attacks, a...

...request. The node that is the victim of the attack is falsely listed as the address to which **ping** responses will be directed. The amplifier that received the ping request will broadcast the request...

35/5,K/31 (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00925713 **Image available**
APPARATUS, METHOD AND SYSTEM FOR DIRECTORY QUALITY ASSURANCE
DISPOSITIF, PROCEDE ET SYSTEME SERVANT A ASSURER LA QUALITE D'UN REPERTOIRE
Patent Applicant/Inventor:
SIDMAN David, 558 9th Street, Brooklyn, NY 11215, US, US (Residence), US (Nationality)
Legal Representative:
HANCHUK Walter G (agent), Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200259797 A1 20020801 (WO 0259797)
Application: WO 2002US2321 20020125 (PCT/WO US0202321)
Priority Application: US 2001264333 20010125; US 2001267875 20010208; US 2001267899 20010209; US 2001268766 20010214; US 2001270473 20010221; US 2001276459 20010316; US 2001279792 20010329; US 2001303768 20010710; US 2001328270 20011009; US 2001328274 20011009; US 2001328275 20011009
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-017/30
International Patent Class (v7): G06F-015/00; G06F-017/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 28726

English Abstract

An apparatus, method and system to validate the integrity of a persistent identifier of information that may be located in multiple locations, formats, and accessible in variable fashions based on the context of use (135). The present disclosure further provides the ability to validate that the information being identified is valid for any given identifier. The present disclosure also teaches the ability to automatically generate tags that allows for the validation of both information and associated information identifiers either through validation and/or through registration. The invention teaches how to test and assure the quality of association between an identifier of information and the actual information. The invention details how to automatically correct poor quality references being used by identifiers, and/or provides notification escalation to aid in maintaining persistent identifier and information association (135).

Legal Status (Type, Date, Text)
Publication 20020801 A1 With international search report.
Publication 20020801 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20021219 Request for preliminary examination prior to end of 19th month from priority date

Patent and Priority Information (Country, Number, Date):
Patent: ... 20020801
Fulltext Availability:
Detailed Description
Claims
Publication Year: 2002

Detailed Description

... for resolution with a registered DOI and/or any associated metadata) may employ such ping validation . In such an embodiment, upon transferring content from the client to a suitable storage facility, the DQAS may validate the source and/or location address of the source by ping testing the location addresses and/or source, and/or employing various other validation techniques as described throughout the present disclosure. In such an - 54 embodiment, the DQAS would...

Claim

... 18 The method of claim 17, wherein the policies specify escalated notifications respective to escalated validity error status.

19 The method of claim 1, wherein validating is achieved by pinging the location addresses .

20 The method of claim 19, wherein pinging includes security authorization to facilitate access to...

...source, comprising:
deten-nining a tagging code, wherein the tagging code, once recognized, establishes the validity of a source;
tagging a source with the tagging code, wherein the source is resolved...
61 The system of claim 60, wherein the policies specify escalated notifications respective to escalated validity error status.

62 The system of claim 44, wherein validating is achieved by pinging the location addresses .
63 The system of claim 62, wherein pinging includes security authorization to facilitate access to...

...comprising:
means to determine a tagging code, wherein the tagging code, once recognized,
establishes the validity of a source;
means to tag a source with the tagging code, wherein the source...104. The medium of claim 103, wherein the policies specify escalated notifications respective to escalated validity error status. 105. The medium of claim 87, wherein validating is achieved by pinging the location addresses .
106. The medium of claim 105, wherein pinging includes security authorization to facilitate access to...147. The apparatus of claim 146, wherein the policies specify escalated
notifications respective to escalated validity error status. 148. The apparatus of claim 130, wherein validating is achieved by pinging the location addresses .
149. The apparatus of claim 148, wherein pinging includes security authorization to facilitate access to...

35/5,K/33 (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00899734 **Image available**
METHODS AND APPARATUS FOR PROTECTING AGAINST OVERLOAD CONDITIONS ON NODES OF A DISTRIBUTED NETWORK
PROCEDES ET APPAREILS DE PROTECTION CONTRE DES CONDITIONS DE SURCHARGE SUR DES NOEUDS D'UN RESEAU DISTRIBUE
Patent Applicant/Assignee:
WANWALL INC, Suite 1600, 1201 Market Street, Wilmington, DE 19801, US, US (Residence), US (Nationality)
Inventor(s):
AFEK Yehuda, 26 Hacarmel Street, Ramat Hadar, 45221 Hod Hasharon, IL,
BREMLER-BARR Anat, Ha Shomer st 8, 58272 Holon, IL,
TOUITOU Dan, Kiryati St. 16, Ramat-Gan, IL,
Legal Representative:
POWSNER David J (et al) (agent), Nutter, McClennen & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200233870 A2-A3 20020425 (WO 0233870)
Application: WO 2001US32273 20011016 (PCT/WO US0132273)
Priority Application: US 2000240899 20001017; US 2001929877 20010814
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-015/173
International Patent Class (v7): G01R-031/08; G06F-011/00; G08C-015/00; H04J-001/16; H04J-003/14; H04L-001/00; H04L-012/26
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 22280

English Abstract
Methods and apparatus for protecting against and/or responding to an overload condition at a node ("victim") (H0-H4) in a distributed network divert traffic otherwise destined for the victim to one or more other nodes, which can filter the diverted traffic, passing a portion of it to the victim, and/or effect processing of one or more of the diverted packets on behalf of the victim. Diversion can be performed by one or more nodes (collectively, a "first set" of nodes) (R0-R8) external to the victim. Filtering and/or effecting traffic processing can be performed by one or more nodes (collectively, a "second set" of nodes) (G0-G3) also external to the victim. Those first and second sets can have zero, one or more nodes in common or, put another way, they may wholly, partially or not overlap. The methods and apparatus have application in protecting nodes in a distributed network, such as the Internet, against distributed denial of service (DDoS) attacks.

Legal Status (Type, Date, Text)
Publication 20020425 A2 Without international search report and to be republished upon receipt of that report.
Examination 20030116 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20030925 Late publication of international search report
Republication 20030925 A3 With international search report.

Patent and Priority Information (Country, Number, Date):
Patent: ... 20020425
Fulltext Availability:
Detailed Description
Publication Year: 2002

Detailed Description
... interface.

2. Using ping (from the guard machines), to find out if the changes are legitimate , or a fake source IP address. In case of a spoofed address the answer to the ping is received on a different interface or on a different boarder router.

Attack Identification, Recognition...

...The statistical unit 16 monitors all the victim traffic that has passed the anti-spoofing authentication and was not stopped by the filter. The unit 16 samples and analyzes the traffic...

35/5,K/36 (Item 36 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00865362 **Image available**
GRAPHICAL EDITOR FOR DESIGNING AND CONFIGURING A COMPUTER NETWORK
EDITEUR GRAPHIQUE DESTINE A DEFINIR ET A CREER UN SYSTEME INFORMATIQUE
Patent Applicant/Assignee:
TERRASPRING INC, 48800 Milmont Drive, Fremont, CA 94538, US, US (Residence), US (Nationality)
Inventor(s):
PATTERSON Martin, 1445 Mercy Street, Mountain View, CA 94041, US,
Legal Representative:
PALERMO Christopher (et al) (agent), Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200198930 A2-A3 20011227 (WO 0198930)
Application: WO 2001US19044 20010613 (PCT/WO US0119044)
Priority Application: US 2000212925 20000620; US 2001863945 20010522

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-012/24
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 27421

English Abstract
A method and apparatus for defining and deploying a networked computer system features creating and storing a graphical representation using a graphical editor to drag and drop icons representing computing elements and network elements into a workspace, such that a logical configuration of the networked computer system is represented by the graphical representation. A corresponding textual representation of the computer system is automatically created and stored according to a structured markup language. Based on the textual representation, one or more commands are generated for configuring an operable computer system that conforms to the logical configuration. The commands may be directed to one or more devices that are interconnected to one or more computing elements and storage devices, to instruct the devices to logically connect the computing elements and storage devices into the computer system. In one embodiment, a graphical representation of the logical configuration of the networked computer sstem is created, based on a user selection from a palette of one or more graphical icons that represent computing elements and network elements of the computer system, and a user selection of graphical interconnections of the icons. As a result, a real-world virtual server farm or data center may be created and deployed.

Legal Status (Type, Date, Text)
Publication 20011227 A2 Without international search report and to be republished upon receipt of that report.
Examination 20020510 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20030313 Late publication of international search report
Republication 20030313 A3 With international search report.

Patent and Priority Information (Country, Number, Date):
Patent: ... 20011227
Fulltext Availability:
Detailed Description
Publication Year: 2001

Detailed Description
... perfonnance. For example, a DNS Monitor checks a Domain Name Server via the ~20network. It verifies that the DNS server is accepting requests, and also verifies that the address for a specific domain name can be found. A Ping Monitor verifies that specified hosts are available via the network to ensure continuous availability of critical connections...

35/5,K/38 (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00848491 **Image available**
NETWORK INTERFACE DEVICE HAVING PRIMARY AND BACKUP INTERFACES FOR AUTOMATIC DIAL BACKUP UPON LOSS OF A PRIMARY CONNECTION AND METHOD OF USING SAME
DISPOSITIF D'INTERFACE RESEAU POURVU D'INTERFACES PRIMAIRES ET DE SAUVEGARDE POUR SAUVEGARDE AUTOMATIQUE DE LA NUMEROTATION SUITE A L'AFFAIBLISSEMENT D'UNE CONNEXION PRIMAIRE, ET PROCEDE UTILISANT CE DISPOSITIF
Patent Applicant/Assignee:
FORTRESS TECHNOLOGIES INC, 4025 Tampa Road, Suite 1111, Oldsmar, FL 34677 , US, US (Residence), US (Nationality)
Inventor(s):
HIBBARD Richard J, 4724 Clipper Drive, Bradenton, FL 34208, US,
Legal Representative:
HIRSHAUT Tzvi (agent), Proskauer Rose LLP, Patent Department, 1585 Broadway, New York, NY 10036, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200182098 A1 20011101 (WO 0182098)
Application: WO 2001US13671 20010427 (PCT/WO US0113671)
Priority Application: US 2000199995 20000427
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA CN JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Main International Patent Class (v7): G06F-015/173
International Patent Class (v7): G06F-015/16; H03K-019/003
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 4858

English Abstract
A network interface device(140) to connect a network to a virtual private network comprises a primary interface to a public network, such as an Ethernet interface to a WAN or the Internet, and a secondary, back-up interface to the public network. The secondary back-up connection is activated automatically when the primary connection fails (146). The network interface device (140) may be provided with further functionality that enables secure communication (144) over both the primary and secondary connection.

Legal Status (Type, Date, Text)
Publication 20011101 A1 With international search report.
Examination 20020510 Request for preliminary examination prior to end of 19th month from priority date

Patent and Priority Information (Country, Number, Date):
Patent: ... 20011101
Fulltext Availability:
Detailed Description
Publication Year: 2001
Detailed Description
... with another series of n pings at step 2 1 0 to check whether a valid response is now received. The retry setting enables the system to essentially ignore momentary outages...

...system unavailability.

If, at step 220, it is determined that the results of the ICMP pinging of either target IP address is an invalid response or no response and the value of the retry parameter has...

35/5,K/41 (Item 41 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00551552
METHOD AND SYSTEM FOR THE PROTECTED DISTRIBUTION OF NETWORK FILES
PROCEDE ET SYSTEME DE REPARTITION PROTEGEE DE FICHIERS DE RESEAU
Patent Applicant/Assignee:
MUSICMARC INC,
HAHN Yehuda,
Inventor(s):
HAHN Yehuda,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200014925 A2 20000316 (WO 0014925)
Application: WO 99IL497 19990909 (PCT/WO IL9900497)
Priority Application: IL 126147 19980909
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class (v7): H04L-029/06
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 30698

English Abstract
A system for authenticating two peers within an authentication protocol. The peers are associated with a shared secret common to the peers and an identical randomization agorithm that utilizes a pseudorandom generator. In response to a command received from a challenging peer from among a challenging peer from among the two peers, the other peer (constituting a challenged peer), applying the randomization algorithm seeded by the shared secret so as to obtain one or more outputs. The challenged peer applying transformation to the output and to data of packet so as to obtain a response. A transmitter transmitting the packet and the response to the challenging peer. The challenging peer applying the algorithm and compares the so-obtained response to that received from the challenged peer and in the case of match the challenged peer is authenticated.

Patent and Priority Information (Country, Number, Date):
Patent: ... 20000316
Fulltext Availability:
Detailed Description
Publication Year: 2000

Detailed Description
... Ping infrastructure. SurferID Server introduces the concept of HTTP Pings as an additional way to **authenticate** Clients. For Clients running from behind a proxy server, these pings are the only way to identify them.

Verification Clients are identified by the IP address from which

their
pings originate. When they later make an HTTP request of the SurferID Server, their IP address is checked against the list of running Verification
Clients. For Clients running behind a proxy server, the IP address attached to the HTT...

35/5,K/43 (Item 43 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00452983 **Image available**
DOMAIN COMMUNICATIONS SERVER APPARATUS AND METHOD
APPAREIL SERVEUR DE COMMUNICATIONS DE DOMAINE ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
PFN INC,
BUTMAN Ronald A,
RAMACHANDRAN Raja,
BURNS Thomas A,
MALONE Thomas J,
KMIEC Michael D,
DOUGHERTY Joseph C,
Inventor(s):
BUTMAN Ronald A,
RAMACHANDRAN Raja,
BURNS Thomas A,
MALONE Thomas J,
KMIEC Michael D,
DOUGHERTY Joseph C,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9843447 A2 19981001
Application: WO 98US5806 19980324 (PCT/WO US9805806)
Priority Application: US 97823428 19970324
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): H04Q-000/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 22091

English Abstract
A domain communications server having a first computer with a disk for storing a dynamic client registry and resource locators containing function names; a web server to respond to resource locators by calling the function name; a database management program for organizing the dynamic client registry; a domain communications server which, when loaded by the web server, is executed to respond to resource locators directed to it and to direct the database management program in organizing the dynamic client registry; secondary computers communicating with the first computer, the secondary computers each having a disk for storing a dynamic group registry and for storing resource locators containing function names; each secondary computer executing a web server which causes it to respond to resource locators by calling the function indicated, each secondary computer also having a database management program for organizing its dynamic group registry; a client side

communications server executing in each secondary computer responding to resource locators directed to it and directing the database management program in organizing its dynamic group registry; a domain communications resource locator list stored in the computers that causes functions to be selected for execution in the domain communications server in the first computer; and a client side communications resource locator list stored in the computers that causes functions to be selected for execution in the client side communications server in the secondary computers so communications between the computers cause selected functions to be executed to manage information flow between them.

Patent and Priority Information (Country, Number, Date):
Patent: ... 19981001
Fulltext Availability:
Detailed Description
Publication Year: 1998

Detailed Description
... then schedule a timer procedure to check every 60 seconds the current status of each valid client side communications server in its domain and "ping" those for which no activity has...

...requesting a status be returned from the client side communications server.

An example of a domain communications server attempting to ping a client side communications server might look like.

https:// validCSS .com:84/ Ping
In response to this URL , the client side communications server in a preferred
embodiment will return the HTTP status code 200 signaling the domain communications server. The pinging of a client side communications server will determine its current status and ensure that it...